

**Table 1 Sectoral Report for Energy (Scotland, 1990)**

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Energy</b>	<b>51,377</b>	<b>90.15</b>	<b>1.86</b>
<b>A. Fuel Combustion Activities (Sectoral Approach)</b>	<b>50,104</b>	<b>18.40</b>	<b>1.83</b>
<b>1. Energy Industries</b>	<b>19,317</b>	<b>0.60</b>	<b>0.45</b>
a. Public Electricity and Heat Production	14,846	0.24	0.35
b. Petroleum Refining	2,893	0.07	0.05
c. Manufacture of Solid Fuels and Other Energy Industries	1,578	0.29	0.04
<b>2. Manufacturing Industries and Construction</b>	<b>10,209</b>	<b>1.73</b>	<b>0.57</b>
a. Iron and Steel	3,124	1.29	0.06
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other ( <i>please specify</i> )	7,085	0.44	0.51
<b>3. Transport</b>	<b>10,457</b>	<b>2.41</b>	<b>0.44</b>
a. Civil Aviation	183	0.02	0.01
b. Road Transportation	9,059	2.30	0.28
c. Railways	223	0.01	0.08
d. Navigation	954	0.08	0.06
e. Other Transportation ( <i>please specify</i> )	38	0.00	0.02

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>4. Other Sectors</b>	<b>9,669</b>	<b>13.63</b>	<b>0.35</b>
a. Commercial/Institutional	2,154	0.22	0.03
b. Residential	6,963	13.33	0.13
c. Agriculture/Forestry/Fisheries	553	0.08	0.20
<b>5. Other (Military Aircraft and Naval Vessels)</b>	<b>452</b>	<b>0.02</b>	<b>0.02</b>
<b>B. Fugitive Emissions from Fuels</b>	<b>1,273</b>	<b>71.76</b>	<b>0.03</b>
<b>1. Solid Fuels</b>	<b>16</b>	<b>27.65</b>	<b>0.00</b>
a. Coal Mining	0	27.56	0.00
b. Solid Fuel Transformation	16	0.09	0.00
c. Other ( <i>please specify</i> )	NO	NO	NO
<b>2. Oil and Natural Gas</b>	<b>1,257</b>	<b>44.11</b>	<b>0.03</b>
a. Oil	340	4.96	0.00
b. Natural Gas	0	27.27	NO
c. Venting and Flaring	917	11.87	0.03
Flaring	917	4.16	0.03
Venting	0	7.71	NO
<b>Memo Items:</b>			
<b>International Bunkers</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Aviation	<b>NA</b>	<b>NA</b>	<b>NA</b>
Marine	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>CO<sub>2</sub> Emissions from Biomass</b>	<b>NE</b>		

**Table 2(I) Sectoral Report for Industrial Processes (Scotland, 1990)**  
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GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>Total Industrial Processes</b>	<b>983.92</b>	<b>0.52</b>	<b>1.35</b>	<b>0.15</b>	<b>113.45</b>	<b>0.00</b>
<b>A. Mineral Products</b>	<b>665</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Cement Production	466	NO	NO	NO	NO	NO
2. Lime Production	0	NO	NO	NO	NO	NO
3. Limestone and Dolomite Use	175	NO	NO	NO	NO	NO
4. Soda Ash Production and Use	24	NO	NO	NO	NO	NO
5. Asphalt Roofing	NE	NO	NO	NO	NO	NO
6. Road Paving with Asphalt	NE	NO	NO	NO	NO	NO
7. Other (fletton bricks)	0	0.00	NO	NO	NO	NO
<b>B. Chemical Industry</b>	<b>0</b>	<b>0.42</b>	<b>1.35</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Ammonia Production	0	NE	NO	NO	NO	NO
2. Nitric Acid Production	NO	NO	1.35	NO	NO	NO
3. Adipic Acid Production	NO	NO	0.00	NO	NO	NO
4. Carbide Production	NO	NO	NO	NO	NO	NO
5. Other ( <i>please specify</i> )	NO	0.42	NO	NO	NO	NO
<b>C. Metal Production</b>	<b>318</b>	<b>0.10</b>	<b>0.00</b>	<b>0.00</b>	<b>94.25</b>	<b>0.00</b>
1. Iron and Steel Production	243.66	0.10	0.00	NO	NO	NO
2. Ferroalloys Production	IE	NE	NO	NO	NO	NO
3. Aluminium Production	74.83	NO	NO	NO	94.25	NO
4. SF <sub>6</sub> Used in Aluminium and Magnesium Foundries	NO	NO	NO	NO	NO	0.00
5. Other ( <i>please specify</i> )	NO	NO	NO	NO	NO	NO

**Table 2(I) Sectoral Report for Industrial Processes (Scotland, 1990)**  
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GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>D. Other Production</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Pulp and Paper	NO	NO	NO	NO	NO	NO
2. Food and Drink <sup>(2)</sup>	IE	NO	NO	NO	NO	NO
<b>E. Production of Halocarbons and SF<sub>6</sub></b>	<b>0.00</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. By-product Emissions	NO	NO	NO	0.00	NO	NO
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	NO
3. Other ( <i>please specify</i> )	NO	NO	NO	NO	NO	NO
<b>F. Consumption of Halocarbons and SF<sub>6</sub></b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.15</b>	<b>19.20</b>	<b>0.00</b>
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	NO	NO	NO
2. Foam Blowing	NO	NO	NO	NO	NO	NO
3. Fire Extinguishers	NO	NO	NO	NO	NO	NO
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	0.15	NO	NO
5. Solvents	NO	NO	NO	NO	NO	NO
6. Semiconductor Manufacture	NO	NO	NO	NO	NO	NO
7. Electrical Equipment	NO	NO	NO	NO	NO	NO
8. Other ( <i>please specify</i> )	NO	NO	NO	NO	19.20	0.00
<b>G. Other (<i>please specify</i>)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			

**Table 4 Sectoral Report for Agriculture (Scotland, 1990)**  
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)	
<b>Total Agriculture</b>	<b>165.16</b>	<b>16.62</b>
<b>A. Enteric Fermentation</b>	<b>148.01</b>	<b>0.00</b>
1. Cattle	99.71	NO
2. Buffalo	NO	NO
3. Sheep	47.18	NO
4. Goats	0.11	NO
5. Camels and Llamas	NO	NO
6. Horses	0.26	NO
7. Mules and Asses	NO	NO
8. Swine	0.68	NO
9. Poultry	0	NO
10. Other (Deer)	0.08	NO
<b>B. Manure Management</b>	<b>16.28</b>	<b>0.69</b>
1. Cattle	12.62	0.00
2. Buffalo	NO	NO
3. Sheep	1.12	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.02	0.00
7. Mules and Asses	NO	NO
8. Swine	1.36	0.00
9. Poultry	1.16	0.00
9a. Deer	0.00	0.00

## Table 4 Sectoral Report for Agriculture (Scotland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)	
<b>B. Manure Management (continued)</b>		
10. Anaerobic Lagoons		NO
11. Liquid Systems		0.02
12. Solid Storage and Dry Lot		0.61
13. Other (Poultry Litter, Stables etc)		0.06
<b>C. Rice Cultivation</b>	<b>NO</b>	<b>NO</b>
<b>D. Agricultural Soils <sup>(1)</sup></b>	<b>NE</b>	<b>15.91</b>
<b>E. Prescribed Burning of Savannas</b>	<b>NO</b>	<b>NO</b>
<b>F. Field Burning of Agricultural Residues</b>	<b>0.87</b>	<b>0.02</b>
1 . Cereals	0.86	0.02
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.01	0.00
<b>G. Other</b>	<b>0.00</b>	<b>0.00</b>

**Table 5 Sectoral Report for Land Use Change and Forestry (Scotland, 1990)**

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>5. Land-Use Change and Forestry</b>	<b>-2534.62</b>	<b>0.15</b>	<b>0.00</b>
A. Forest Land	-7547		
B. Cropland	6102		
C. Grassland	-2116	0.03	0.00
D. Wetlands	0		
E. Settlements	1741	0.12	0.00
F. Other land	0		
G. Other activities	-714		

**Table 6 Sectoral Report for Waste (Scotland, 1990)**

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub> <sup>(1)</sup>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Waste</b>	<b>43.45</b>	<b>104.19</b>	<b>0.30</b>
<b>A. Solid Waste Disposal on Land</b>	<b>0.00</b>	<b>101.04</b>	<b>0.00</b>
1. Managed Waste Disposal on Land	0.00	101.04	0.00
2. Unmanaged Waste Disposal Sites			
3. Other ( <i>please specify</i> )			
<b>B. Wastewater Handling</b>	<b>0.00</b>	<b>2.96</b>	<b>0.29</b>
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	2.96	0.29
3. Other ( <i>please specify</i> )			
<b>C. Waste Incineration</b>	<b>43.45</b>	<b>0.19</b>	<b>0.00</b>
<b>D. Other (<i>please specify</i>)</b>			



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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>50,031.21</b>	<b>360.17</b>	<b>20.12</b>	<b>0.15</b>	<b>113.45</b>	<b>0.00</b>
<b>1. Energy</b>	<b>51,376.81</b>	<b>90.15</b>	<b>1.86</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	50,104.02	18.40	1.83			
1. Energy Industries	19,317.47	0.60	0.45			
2. Manufacturing Industries and Construction	10,208.72	1.73	0.57			
3. Transport	10,456.69	2.41	0.44			
4. Other Sectors	9,669.16	13.63	0.35			
5. Other	451.98	0.02	0.02			
B. Fugitive Emissions from Fuels	1,272.79	71.76	0.03			
1. Solid Fuels	15.58	27.65	0.00			
2. Oil and Natural Gas	1,257.21	44.11	0.03			
<b>2. Industrial Processes</b>	<b>983.92</b>	<b>0.52</b>	<b>1.35</b>	<b>0.15</b>	<b>113.45</b>	<b>0.00</b>
A. Mineral Products	665.42	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.42	1.35	0.00	0.00	0.00
C. Metal Production	318.50	0.10	0.00	0.00	94.25	0.00
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.15	19.20	0.00
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	CO <sub>2</sub> equivalent (Gg)					
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>165.16</b>	<b>16.62</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		148.01	0.00			
B. Manure Management		16.28	0.69			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		NE	15.91			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.87	0.02			
G. Other		0.00	0.00			
<b>5. Land-Use Change and Forestry</b>	<b>-2,534.62</b>	<b>0.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-7,547.45					
B. Cropland	6,101.55					
C. Grassland	-2,115.89	0.03	0.00			
D. Wetlands	0.00					
E. Settlements	1,741.37	0.12	0.00			
F. Other land	0.00					
G. Other activities	-714.20	0.00				
<b>6. Waste</b>	<b>43.45</b>	<b>104.19</b>	<b>0.30</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	101.04	0.00			
B. Wastewater Handling	0.00	2.96	0.29			
C. Waste Incineration	43.45	0.19	0.00			
D. Other						
<b>7. Other (please specify)</b>	<b>161.65</b>					

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>48340.96</b>	<b>345.11</b>	<b>18.07</b>	<b>131.85</b>	<b>87.62</b>	<b>0.00</b>
<b>1. Energy</b>	<b>51342.58</b>	<b>84.25</b>	<b>1.94</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	49219.18	10.79	1.93			
1. Energy Industries	22147.70	0.44	0.41			
2. Manufacturing Industries and Construction	6570.88	0.50	0.43			
3. Transport	10420.91	1.87	0.75			
4. Other Sectors	9747.32	7.96	0.32			
5. Other	332.36	0.02	0.01			
B. Fugitive Emissions from Fuels	2123.41	73.46	0.02			
1. Solid Fuels	0.00	31.24	0.00			
2. Oil and Natural Gas	2123.41	42.22	0.02			
<b>2. Industrial Processes</b>	<b>506.08</b>	<b>0.58</b>	<b>0.00</b>	<b>131.85</b>	<b>87.62</b>	<b>0.00</b>
A. Mineral Products	438.20	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.58	0.00	0.00	0.00	0.00
C. Metal Production	67.88	0.00	0.00	0.00	35.88	0.00
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	131.85	51.74	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	CO <sub>2</sub> equivalent (Gg)					
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>162.59</b>	<b>15.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		146.25	0.00			
B. Manure Management		16.33	0.69			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	15.14			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-3711.79</b>	<b>0.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-8972.99					
B. Cropland	6312.70					
C. Grassland	-2195.21	0.03	0.00			
D. Wetlands	0.00					
E. Settlements	1710.26	0.09	0.00			
F. Other land	0.00					
G. Other activities	-566.54					
<b>6. Waste</b>	<b>30.05</b>	<b>97.57</b>	<b>0.30</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	94.43	0.00			
B. Wastewater Handling	0.00	3.02	0.30			
C. Waste Incineration	30.05	0.11	0.00			
D. Other						
<b>7. Other (please specify)</b>	<b>174.03</b>	<b>0.00</b>	<b>0.00</b>			

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>49898.50</b>	<b>324.01</b>	<b>17.82</b>	<b>418.97</b>	<b>111.81</b>	<b>0.00</b>
<b>1. Energy</b>	<b>53026.96</b>	<b>73.61</b>	<b>2.32</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	52187.83	9.79	2.30			
1. Energy Industries	23475.68	0.39	0.44			
2. Manufacturing Industries and Construction	7417.94	0.57	0.46			
3. Transport	10859.29	1.49	1.06			
4. Other Sectors	10161.76	7.32	0.33			
5. Other	273.17	0.01	0.01			
B. Fugitive Emissions from Fuels	839.13	63.82	0.01			
1. Solid Fuels	0.00	33.76	0.00			
2. Oil and Natural Gas	839.13	30.06	0.01			
<b>2. Industrial Processes</b>	<b>537.21</b>	<b>0.36</b>	<b>0.00</b>	<b>418.97</b>	<b>111.81</b>	<b>0.00</b>
A. Mineral Products	461.42	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.36	0.00	0.00	0.00	0.00
C. Metal Production	75.79	0.00	0.00	0.00	39.85	0.00
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	418.97	71.96	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>164.97</b>	<b>15.17</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		148.42	0.00			
B. Manure Management		16.56	0.71			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	14.46			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-3854.52</b>	<b>0.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-8878.00					
B. Cropland	6370.98					
C. Grassland	-2448.84	0.04	0.00			
D. Wetlands	0.00					
E. Settlements	1708.47	0.12	0.00			
F. Other land	0.00					
G. Other activities	-607.14					
<b>6. Waste</b>	<b>17.18</b>	<b>84.91</b>	<b>0.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	81.67	0.00			
B. Wastewater Handling	0.00	3.23	0.33			
C. Waste Incineration	17.18	0.01	0.00			
D. Other						
<b>7. Other (please specify)</b>	<b>171.68</b>	<b>0.00</b>	<b>0.00</b>			

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 1999)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>48055.00</b>	<b>292.04</b>	<b>17.35</b>	<b>460.34</b>	<b>117.65</b>	<b>0.00</b>
<b>1. Energy</b>	<b>51296.33</b>	<b>56.61</b>	<b>2.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	50513.72	10.25	2.35			
1. Energy Industries	21858.81	0.41	0.43			
2. Manufacturing Industries and Construction	7426.71	0.55	0.45			
3. Transport	10686.86	1.32	1.14			
4. Other Sectors	10292.72	7.96	0.32			
5. Other	248.62	0.01	0.01			
B. Fugitive Emissions from Fuels	782.61	46.36	0.01			
1. Solid Fuels	0.00	20.16	0.00			
2. Oil and Natural Gas	782.61	26.20	0.01			
<b>2. Industrial Processes</b>	<b>500.39</b>	<b>0.51</b>	<b>0.00</b>	<b>460.34</b>	<b>117.65</b>	<b>0.00</b>
A. Mineral Products	428.85	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.51	0.00	0.00	0.00	0.00
C. Metal Production	71.54	0.00	0.00	0.00	34.01	0.00
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	460.34	83.64	0.00
G. Other						

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 1999)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)					
	CO <sub>2</sub> equivalent (Gg)					
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>162.73</b>	<b>14.66</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		146.81	0.00			
B. Manure Management		15.92	0.69			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	13.97			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-3929.15</b>	<b>0.19</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-9075.31					
B. Cropland	6390.54					
C. Grassland	-2421.61	0.09	0.00			
D. Wetlands	0.00					
E. Settlements	1693.04	0.10	0.00			
F. Other land	0.00					
G. Other activities	-515.81					
<b>6. Waste</b>	<b>17.55</b>	<b>72.00</b>	<b>0.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	68.87	0.00			
B. Wastewater Handling	0.00	3.12	0.33			
C. Waste Incineration	17.55	0.01	0.00			
D. Other						
<b>7. Other (please specify)</b>	<b>169.88</b>	<b>0.00</b>	<b>0.00</b>			



## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2000)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		
<b>Total National Emissions and Removals</b>	<b>49759.26</b>	<b>284.57</b>	<b>16.96</b>	<b>538.27</b>	<b>111.35</b>	<b>0.00</b>
<b>1. Energy</b>	<b>53095.21</b>	<b>53.31</b>	<b>2.49</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	52266.45	8.04	2.48			
1. Energy Industries	23896.70	0.44	0.52			
2. Manufacturing Industries and Construction	7474.11	0.60	0.41			
3. Transport	10744.95	1.21	1.23			
4. Other Sectors	9912.48	5.77	0.31			
5. Other	238.21	0.01	0.01			
B. Fugitive Emissions from Fuels	828.76	45.27	0.01			
1. Solid Fuels	0.00	16.80	0.00			
2. Oil and Natural Gas	828.76	28.46	0.01			
<b>2. Industrial Processes</b>	<b>415.33</b>	<b>0.72</b>	<b>0.00</b>	<b>538.27</b>	<b>111.35</b>	<b>0.00</b>
A. Mineral Products	350.52	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.72	0.00	0.00	0.00	0.00
C. Metal Production	64.81	0.00	0.00	0.00	14.11	0.00
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	538.27	97.24	0.00
G. Other						

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2000)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	CO <sub>2</sub> equivalent (Gg)					
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>159.65</b>	<b>14.11</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		143.64	0.00			
B. Manure Management		16.00	0.69			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	13.42			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-3939.77</b>	<b>0.21</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-8868.98					
B. Cropland	6427.29					
C. Grassland	-2477.28	0.13	0.00			
D. Wetlands	0.00					
E. Settlements	1678.54	0.08	0.00			
F. Other land	0.00					
G. Other activities	-699.36					
<b>6. Waste</b>	<b>17.90</b>	<b>70.68</b>	<b>0.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	67.48	0.00			
B. Wastewater Handling	0.00	3.18	0.33			
C. Waste Incineration	17.90	0.02	0.03			
D. Other						
<b>7. Other (please specify)</b>	<b>170.59</b>	<b>0.00</b>	<b>0.00</b>			

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2001)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>49153.67</b>	<b>266.79</b>	<b>16.89</b>	<b>602.67</b>	<b>64.66</b>	<b>0.00</b>
<b>1. Energy</b>	<b>52465.15</b>	<b>57.85</b>	<b>2.55</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	51284.97	8.25	2.53			
1. Energy Industries	22491.46	0.45	0.50			
2. Manufacturing Industries and Construction	7536.94	0.62	0.42			
3. Transport	10518.58	1.06	1.30			
4. Other Sectors	10488.61	6.11	0.30			
5. Other	249.38	0.01	0.01			
B. Fugitive Emissions from Fuels	1180.18	49.60	0.02			
1. Solid Fuels	0.00	18.02	0.00			
2. Oil and Natural Gas	1180.18	31.58	0.02			
<b>2. Industrial Processes</b>	<b>508.08</b>	<b>0.71</b>	<b>0.00</b>	<b>602.67</b>	<b>64.66</b>	<b>0.00</b>
A. Mineral Products	446.41	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.71	0.00	0.00	0.00	0.00
C. Metal Production	61.67	0.00	0.00	0.00	4.33	0.00
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	602.67	60.33	0.00
G. Other						

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2001)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	CO <sub>2</sub> equivalent (Gg)					
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>148.59</b>	<b>13.98</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		133.12	0.00			
B. Manure Management		15.47	0.67			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	13.31			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-4011.02</b>	<b>0.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-9163.70					
B. Cropland	6463.99					
C. Grassland	-2552.47	0.17	0.00			
D. Wetlands	0.00					
E. Settlements	1672.46	0.07	0.00			
F. Other land	0.00					
G. Other activities	-431.30					
<b>6. Waste</b>	<b>18.19</b>	<b>59.38</b>	<b>0.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	56.18	0.00			
B. Wastewater Handling	0.00	3.18	0.33			
C. Waste Incineration	18.19	0.02	0.03			
D. Other						
<b>7. Other (please specify)</b>	<b>173.27</b>	<b>0.00</b>	<b>0.00</b>			

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2002)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>45343.13</b>	<b>242.02</b>	<b>16.83</b>	<b>661.65</b>	<b>80.53</b>	<b>0.00</b>
<b>1. Energy</b>	<b>48892.16</b>	<b>37.15</b>	<b>2.48</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	47831.56	4.78	2.47			
1. Energy Industries	21014.12	0.38	0.47			
2. Manufacturing Industries and Construction	6142.85	0.57	0.34			
3. Transport	10753.59	0.95	1.38			
4. Other Sectors	9661.58	2.87	0.27			
5. Other	259.41	0.01	0.01			
B. Fugitive Emissions from Fuels	1060.60	32.37	0.01			
1. Solid Fuels	0.00	4.78	0.00			
2. Oil and Natural Gas	1060.60	27.58	0.01			
<b>2. Industrial Processes</b>	<b>444.74</b>	<b>0.75</b>	<b>0.00</b>	<b>661.65</b>	<b>80.53</b>	<b>0.00</b>
A. Mineral Products	382.83	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.75	0.00	0.00	0.00	0.00
C. Metal Production	61.91	0.00	0.00	0.00	5.72	0.00
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	661.65	74.82	0.00
G. Other						

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2002)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)					
	CO <sub>2</sub> equivalent (Gg)					
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>150.68</b>	<b>13.99</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		135.08	0.00			
B. Manure Management		15.59	0.67			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	13.32			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-4188.23</b>	<b>0.21</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-9610.85					
B. Cropland	6488.62					
C. Grassland	-2608.68	0.15	0.00			
D. Wetlands	0.00					
E. Settlements	1664.29	0.06	0.00			
F. Other land	0.00					
G. Other activities	-121.61					
<b>6. Waste</b>	<b>18.52</b>	<b>53.25</b>	<b>0.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	50.04	0.00			
B. Wastewater Handling	0.00	3.18	0.33			
C. Waste Incineration	18.52	0.02	0.03			
D. Other						
<b>7. Other (please specify)</b>	<b>175.94</b>	<b>0.00</b>	<b>0.00</b>			

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2003)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		
<b>Total National Emissions and Removals</b>	<b>45611.66</b>	<b>223.82</b>	<b>16.64</b>	<b>699.05</b>	<b>78.16</b>	<b>0.00</b>
<b>1. Energy</b>	<b>49226.21</b>	<b>23.94</b>	<b>2.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	48261.07	4.21	2.53			
1. Energy Industries	21348.78	0.41	0.45			
2. Manufacturing Industries and Construction	5906.65	0.54	0.35			
3. Transport	11057.91	0.87	1.45			
4. Other Sectors	9710.52	2.38	0.27			
5. Other	237.22	0.01	0.01			
B. Fugitive Emissions from Fuels	965.14	19.73	0.01			
1. Solid Fuels	0.00	2.33	0.00			
2. Oil and Natural Gas	965.14	17.40	0.01			
<b>2. Industrial Processes</b>	<b>440.28</b>	<b>0.66</b>	<b>0.00</b>	<b>699.05</b>	<b>78.16</b>	<b>0.00</b>
A. Mineral Products	375.63	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.66	0.00	0.00	0.00	0.00
C. Metal Production	64.64	0.00	0.00	0.00	4.79	0.00
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	699.05	73.37	0.00
G. Other						

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2003)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)					
	CO <sub>2</sub> equivalent (Gg)					
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>151.02</b>	<b>13.74</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		135.52	0.00			
B. Manure Management		15.50	0.66			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	13.08			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
<b>5. Land-Use Change and Forestry</b>	<b>-4250.15</b>	<b>0.20</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-10053.53					
B. Cropland	6514.49					
C. Grassland	-2464.53	0.14	0.00			
D. Wetlands	0.00					
E. Settlements	1660.61	0.05	0.00			
F. Other land	0.00					
G. Other activities	92.81					
<b>6. Waste</b>	<b>18.46</b>	<b>48.00</b>	<b>0.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	44.77	0.00			
B. Wastewater Handling	0.00	3.21	0.33			
C. Waste Incineration	18.46	0.02	0.03			
D. Other						
<b>7. Other (please specify)</b>	<b>176.87</b>	<b>0.00</b>	<b>0.00</b>			



## Table 1 Sectoral Report for Energy (Scotland, 2004)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Energy</b>	<b>46,944</b>	<b>25.31</b>	<b>2.55</b>
<b>A. Fuel Combustion Activities (Sectoral Approach)</b>	<b>46,145</b>	<b>4.29</b>	<b>2.55</b>
<b>1. Energy Industries</b>	<b>19,257</b>	<b>0.38</b>	<b>0.40</b>
a. Public Electricity and Heat Production	15,405	0.22	0.32
b. Petroleum Refining	1,942	0.04	0.04
c. Manufacture of Solid Fuels and Other Energy Industries	1,910	0.12	0.04
<b>2. Manufacturing Industries and Construction</b>	<b>5,980</b>	<b>0.52</b>	<b>0.37</b>
a. Iron and Steel	61	0.01	0.00
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other ( <i>please specify</i> )	5,919	0.52	0.37
<b>3. Transport</b>	<b>11,111</b>	<b>0.78</b>	<b>1.50</b>
a. Civil Aviation	286	0.02	0.01
b. Road Transportation	9,811	0.69	1.33
c. Railways	255	0.01	0.10
d. Navigation	708	0.06	0.04
e. Other Transportation ( <i>please specify</i> )	52	0.00	0.02

**Table 1 Sectoral Report for Energy (Scotland, 2004)**

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>4. Other Sectors</b>	<b>9,553</b>	<b>2.59</b>	<b>0.26</b>
a. Commercial/Institutional	1,893	0.21	0.01
b. Residential	7,045	2.30	0.04
c. Agriculture/Forestry/Fisheries	614	0.09	0.22
<b>5. Other (Military Aircraft and Naval Vessels)</b>	<b>245</b>	<b>0.01</b>	<b>0.01</b>
<b>B. Fugitive Emissions from Fuels</b>	<b>799</b>	<b>21.02</b>	<b>0.01</b>
<b>1. Solid Fuels</b>	<b>0</b>	<b>2.56</b>	<b>0.00</b>
a. Coal Mining	0	2.56	0.00
b. Solid Fuel Transformation	0	0.00	0.00
c. Other ( <i>please specify</i> )	NO	NO	NO
<b>2. Oil and Natural Gas</b>	<b>799</b>	<b>18.46</b>	<b>0.01</b>
a. Oil	516	1.20	0.00
b. Natural Gas	0	16.08	NO
c. Venting and Flaring	283	1.18	0.01
Flaring	283	0.51	0.01
Venting	0	0.67	NO
<b>Memo Items: <sup>(2)</sup></b>			
<b>International Bunkers</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Aviation	<b>NA</b>	<b>NA</b>	<b>NA</b>
Marine	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>CO<sub>2</sub> Emissions from Biomass</b>	<b>NE</b>		

**Table 2(I) Sectoral Report for Industrial Processes (Scotland, 2004)**  
(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>Total Industrial Processes</b>	<b>446.88</b>	<b>0.68</b>	<b>0.00</b>	<b>719.54</b>	<b>75.08</b>	<b>0.00</b>
<b>A. Mineral Products</b>	<b>384</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Cement Production	349	NO	NO	NO	NO	NO
2. Lime Production	0	NO	NO	NO	NO	NO
3. Limestone and Dolomite Use	13	NO	NO	NO	NO	NO
4. Soda Ash Production and Use	22	NO	NO	NO	NO	NO
5. Asphalt Roofing	NE	NO	NO	NO	NO	NO
6. Road Paving with Asphalt	NE	NO	NO	NO	NO	NO
7. Other (fletton bricks)	0	0.00	NO	NO	NO	NO
<b>B. Chemical Industry</b>	<b>0</b>	<b>0.68</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Ammonia Production	0	NE	NO	NO	NO	NO
2. Nitric Acid Production	NO	NO	0.00	NO	NO	NO
3. Adipic Acid Production	NO	NO	0.00	NO	NO	NO
4. Carbide Production	NO	NO	NO	NO	NO	NO
5. Other ( <i>please specify</i> )	NO	0.68	NO	NO	NO	NO
<b>C. Metal Production</b>	<b>63</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.61</b>	<b>0.00</b>
1. Iron and Steel Production	0.20	0.00	0.00	NO	NO	NO
2. Ferroalloys Production	IE	NE	NO	NO	NO	NO
3. Aluminium Production	62.75	NO	NO	0.00	9.61	0.00
4. SF <sub>6</sub> Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00	0.00	0.00
5. Other ( <i>please specify</i> )	NO	NO	NO	NO	NO	NO

**Table 2(I) Sectoral Report for Industrial Processes (Scotland, 2004)**  
(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
CATEGORIES	(Gg)			Gg CO <sub>2</sub> Equivalent		Gg
<b>D. Other Production</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. Pulp and Paper	NO	NO	NO	NO	NO	NO
2. Food and Drink <sup>(2)</sup>	IE	NO	NO	NO	NO	NO
<b>E. Production of Halocarbons and SF<sub>6</sub></b>				<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1. By-product Emissions	NO	NO	NO	0.00	0.00	NO
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	NO
3. Other ( <i>please specify</i> )	NO	NO	NO	NO	NO	NO
<b>F. Consumption of Halocarbons and SF<sub>6</sub></b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>719.54</b>	<b>65.47</b>	<b>0.00</b>
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	420.17	0.00	NO
2. Foam Blowing	NO	NO	NO	43.21	0.00	NO
3. Fire Extinguishers	NO	NO	NO	24.73	0.00	NO
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	219.46	0.00	NO
5. Solvents	NO	NO	NO	2.84	0.00	NO
6. Semiconductor Manufacture	NO	NO	NO	NO	NO	NO
7. Electrical Equipment	NO	NO	NO	NO	NO	NO
8. Other ( <i>please specify</i> )	NO	NO	NO	9.12	65.47	0.00
<b>G. Other (<i>please specify</i>)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			

**Table 4 Sectoral Report for Agriculture (Scotland, 2004)**  
(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CH <sub>4</sub>	N <sub>2</sub> O
CATEGORIES	(Gg)	
<b>Total Agriculture</b>	<b>151.47</b>	<b>13.21</b>
<b>A. Enteric Fermentation</b>	<b>136.02</b>	<b>0.00</b>
1. Cattle	95.75	NO
2. Buffalo	NO	NO
3. Sheep	39.00	NO
4. Goats	0.03	NO
5. Camels and Llamas	NO	NO
6. Horses	0.48	NO
7. Mules and Asses	NO	NO
8. Swine	0.71	NO
9. Poultry	0	NO
10. Other (Deer)	0.06	NO
<b>B. Manure Management</b>	<b>15.45</b>	<b>0.65</b>
1. Cattle	11.93	0.00
2. Buffalo	NO	NO
3. Sheep	0.93	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.04	0.00
7. Mules and Asses	NO	NO
8. Swine	1.41	0.00
9. Poultry	1.14	0.00
9a. Deer	0.00	0.00

**Table 4 Sectoral Report for Agriculture (Scotland, 2004)**  
(Page 2 of 2)

<b>GREENHOUSE GAS SOURCE AND SINK CATEGORIES</b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>
	<b>(Gg)</b>	
<b>B. Manure Management (continued)</b>		
10. Anaerobic Lagoons		NO
11. Liquid Systems		0.02
12. Solid Storage and Dry Lot		0.60
13. Other (Poultry Litter, Stables etc)		0.03
<b>C. Rice Cultivation</b>	<b>NO</b>	<b>NO</b>
<b>D. Agricultural Soils<sup>(1)</sup></b>	<b>NE</b>	<b>12.56</b>
<b>E. Prescribed Burning of Savannas</b>	<b>NO</b>	<b>NO</b>
<b>F. Field Burning of Agricultural Residues</b>	<b>0.00</b>	<b>0.00</b>
1 . Cereals	0.00	0.00
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.00	0.00
<b>G. Other</b>	<b>0.00</b>	<b>0.00</b>

**Table 5 Sectoral Report for Land Use Change and Forestry (Scotland, 2004)**

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>5. Land-Use Change and Forestry</b>	<b>-4617.18</b>	<b>0.18</b>	<b>0.00</b>
A. Forest Land	-10473		
B. Cropland	6546		
C. Grassland	-2596	0.13	0.00
D. Wetlands	0		
E. Settlements	1658	0.05	0.00
F. Other land	0		
G. Other activities	247		

**Table 6 Sectoral Report for Waste (Scotland, 2004)**

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
	(Gg)		
<b>Total Waste</b>	<b>18.45</b>	<b>44.14</b>	<b>0.36</b>
<b>A. Solid Waste Disposal on Land</b>	<b>0.00</b>	<b>40.93</b>	<b>0.00</b>
1. Managed Waste Disposal on Land	0.00	40.93	0.00
2. Unmanaged Waste Disposal Sites			
3. Other ( <i>please specify</i> )			
<b>B. Wastewater Handling</b>		<b>3.19</b>	<b>0.33</b>
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	3.19	0.33
3. Other ( <i>please specify</i> )			
<b>C. Waste Incineration</b>	<b>18.45</b>	<b>0.02</b>	<b>0.03</b>
<b>D. Other (<i>please specify</i>)</b>			



## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2004)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>42,969.66</b>	<b>221.79</b>	<b>16.12</b>	<b>719.54</b>	<b>75.08</b>	<b>0.00</b>
<b>1. Energy</b>	<b>46,944.28</b>	<b>25.31</b>	<b>2.55</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	46,145.19	4.29	2.55			
1. Energy Industries	19,256.57	0.38	0.40			
2. Manufacturing Industries and Construction	5,980.07	0.52	0.37			
3. Transport	11,110.99	0.78	1.50			
4. Other Sectors	9,552.92	2.59	0.26			
5. Other	244.64	0.01	0.01			
B. Fugitive Emissions from Fuels	799.09	21.02	0.01			
1. Solid Fuels	0.00	2.56	0.00			
2. Oil and Natural Gas	799.09	18.46	0.01			
<b>2. Industrial Processes</b>	<b>446.88</b>	<b>0.68</b>	<b>0.00</b>	<b>719.54</b>	<b>75.08</b>	<b>0.00</b>
A. Mineral Products	383.93	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	0.00	0.68	0.00	0.00	0.00	0.00
C. Metal Production	62.95	0.00	0.00	0.00	9.61	0.00
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	719.54	65.47	0.00
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

## Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2004)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>151.47</b>	<b>13.21</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		136.02	0.00			
B. Manure Management		15.45	0.65			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		NE	12.56			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		0.00	0.00			
<b>5. Land-Use Change and Forestry</b>	<b>-4,617.18</b>	<b>0.18</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-10,472.52					
B. Cropland	6,545.88					
C. Grassland	-2,595.85	0.13	0.00			
D. Wetlands	0.00					
E. Settlements	1,657.96	0.05	0.00			
F. Other land	0.00					
G. Other activities	247.33	0.00				
<b>6. Waste</b>	<b>18.45</b>	<b>44.14</b>	<b>0.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	40.93	0.00			
B. Wastewater Handling	0.00	3.19	0.33			
C. Waste Incineration	18.45	0.02	0.03			
D. Other						
<b>7. Other (please specify)</b>	<b>177.23</b>	<b>0.00</b>	<b>0.00</b>			